RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number) Check

(DELETE ONE) AT/PASSAGE FROM US NAVAL SUBMARINE BASE TO NEW LONDON, CONN

ZONE DESCRIPTION +5 Wednesday (Day) 1 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND: FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12										SAME AS SOPA											
16																					
24																					

POSITION		
HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL GALLONS	HEAVY FUEL (H2O)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	239	267				

MAGAZINE TEMPERATURES:

MAXIMUM

MINIMUM

0000-2400 Resting in cradles at Building 31 at US NAVAL SUBMARINE BASE NEW LONDON CONN. Receiving all power from shore. SOPA is ComSubLant 0230 Started battery charge 0545 Secured Battery charge. 0800 Mustered crew at quarters, no unauthorized absentees. 1321 Secured taking on Shore Power. 1605 Commenced taking on Shore Power.

Charles W. Annable
EN3(SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Jones

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London TO Conn.

ZONE DESCRIPTION +5 Thursday (Day) 2 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same as SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O2 ~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	60	78				
EXPENDED	0	0				
ON HAND	400	320				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 - Resting on cradle in building 31 at USN Submarine Base New London Conn. Receiving all power from shore, SOPA is Com Sub Lant. 0800 Mustered crew at quarters, no unauthorized absentees. 0835 Trucked craft from building 31 to pier 9. 0930 lifted craft from cradle to water 0955 underway from pier 9 to float 1000 Moored port side to pier 9 1020 Commenced loading H_2O_2, Received 60 gallons. 1130 warped craft alongside float, Moored port side to between piers 9 and 10. 1350 Commenced fueling craft, Received 78 gallons 1500 underway for reduction gear trial runs in the Thames river, steering various courses and speeds 1640 Moored port side to float between piers 9 and 10 Receiving all power from shore 1900 Commenced battery charge.

Malone S Jones
ENC (SS) USN

APPROVED: Kevin Hunton LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Friday (Day) 3 (Date) February (Month), 1956

HOUR	BY LOG: Nautical miles (1)	Tenths (2)	COURSE (P. C.) Gyro / Mag (Indicate which) (3)	WIND (TRUE): Direction moving from (in degrees) (4)	Force (Knots) (5)	BAROMETER (CORRECTED): Height in inches (6)	Reading attached thermometer (7)	AIR TEMPERATURE: Dry bulb (8)	Wet bulb (9)	Weather by symbols (10)	CLOUDS: Form (By abbreviations) (11)	Ceiling (12)	Moving from (in degrees true) (13)	Total amount of sky covered in tenths (14)	Visibility (15)	SEA TEMPERATURE: At surface (16)	Main injection (17)	SEA CONDITIONS: Sea from (in degrees) (18)	Sea amount 0-9 (19)	Swell from (in degrees) (20)	Swell amount 0-9 (21)
A. M. 4																					
8																					
12			Same as SOPA																		
16																					
24																					

POSITION		
HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL GALLONS	HEAVY FUEL	DIESEL FUEL (H_2O^2)	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	4	3				
ON HAND	316	397				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored portside to alongside float between piers nine and ten, at U.S. Naval Submarine Base, New London Conn. Receiving all power from shore. SOPA is Consultant. 0330-secured Battery charge. 0800-mustered crew, no unauthorized absentees. 0825 Underway in Thames River. 0825 steering various courses and speeds 0925 steering course 185°. 0940 steering course 000°. 0955 Submerged 1215-surfaced steering course 095° 1230-moored portside to alongside U.SS Tringa (ASR 16) 1300 Underway from U.S.S. Tringa (ASR16) steering course 275° 1345 Submerged on 220°. 1435 surfaced steering course 275° 1600 started tow into port by U.SS Tringa (ASR16) 1715 Released tow from U.SS Tringa (ASR16), and picked up tow from YTB 548 1720 released tow 1725 moored portside to alongside float between piers nine and ten, U.S. Submarine Base New London Conn. 1730 took on shore power, 1915 Started battery charge

Phillip S Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Rob

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U. S. Naval Submarine Base TO New London, Conn.

ZONE DESCRIPTION +4 Saturday (Day) 4 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND: FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER: READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12					SAME AS SOPA																
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	~~DIESEL FUEL~~ H_2O_2	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	316	397				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Moored port side to float between piers 9 and 10, U. S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is ComSubLant. 0800 Mustered crew at quarters. No unauthorized absentees.

J. A. Robert.
EM1 USN.

APPROVED: Kevin Hanson LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM US NAVAL SUBMARINE BASE, NEW ~~TO~~ LONDON, CONN.

ZONE DESCRIPTION +5 SUNDAY (Day) 5 (Date) Feb (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO / MAG (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	~~DIESEL FUEL~~ H_2O_2	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	316	397				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored port side to float between piers 9 & 10 at US Naval Submarine Base, New London Conn. Recieving all power from shore. SOPA is Com Sub Lant. 0900 Mustered crew at quarters, no unauthorized absentees. 1045 Commenced charging batteries. 1700 Secured charging batteries.

Charles W. Annable
EN3(SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING
LT

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U. S. Naval Submarine Base TO New London, Conn.

ZONE DESCRIPTION +5 Monday (Day) 6 (Date) FEBURARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME					AS		SOPA.								
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	~~DIESEL FUEL~~ H2O	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	6	83				
ON HAND	310	314				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Moored alongside float port side to, between piers 9 and 10, U. S. Naval Submarine Base, New London Conn. Receiving all power from shore. SOPA is Com. Sub. Lant. 0730 Mustered crew at quarters, no unauthorized absentees. 0800 Secured receiving power from shore. 0835 Underway in accordance with Com Sub Flotilla Area N. London OpSked 6-56. Using various courses and speeds while clearing channel. 1030 Entered anchorage "Charlie" assigned operating area. 1050 Set course 198°T, speed two thirds. ~~Dove~~ (JAR) Submerged. 1200 Surfaced, commenced steering various courses and speed to come alongside YTB548. 1220 Moored starboard side to YTB548. 1250 Underway using various course and speed while enroute to diving area. 1330 Submerged on course 210°T. 1410 Surfaced. 1427 Submerged 1434 Surfaced. 1437 Commenced using various courses and speed while returning to port. 1603 Moored port side to float between piers 9 and 10, U. S. Naval Submarine Base, New London, Conn. 1610 Commenced receiving all power from shore. 2100 Commenced charging batteries.

J. A. Rouse[illegible]
QMI USN.

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

LOG OF THE UNITED STATES SHIP X-1 (Name) (SS X-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submaine Base TO New London Conn

ZONE DESCRIPTION +5 Tuesday (Day) 7 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12				Same As SOPA																	
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	~~DIESEL FUEL~~ H_2O_2	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	8	0				
ON HAND	302	314				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored portside to float between piers 9 and 10, U.S Naval Submaine Base, New London Conn, SOPA is Comsublant Receiving all power from shore. Charging batteries. 0445 secured battery charge. 0730 mustered crew at quarters, no unauthorized absentees. 0819 underway from float, for ships operations 0820 underway in Thames river using various courses and speeds. 1015 entered anchorage charlie steering course 175°T 1020 submerged 1115 surfaced, and moored portside to alongside U.SS. Tringa (ASR16) 1315 underway from U.SS Tringa to anchorage Charlie using various courses and speeds 1400 submerged 1500 surfaced, commenced using various courses and speeds while entering port 1615, moored portside to float between piers 9 and 10 at U.S. Naval Submaine Base New London Conn. 1930 started battery charge

Phillip S Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ________ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Wednesday (Day) 8 (Date) Feb (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P.C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same as S O P A.															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	8	30				
ON HAND	294	314				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 - Moored alongside float port side to, between piers 9 and 10 U.S. Naval Submarine Base New London Conn, Receiving all power from shore, S.O.P.A. is Com Sub Lant 0015 Secured Battery charge 0730 Mustered crew at quarters, no unauthorized absentees, 0800 Secured receiving shore power 0840 underway in accordance with Com Sub Refitra Grn New London op Sked 6-56 using various courses and speeds, while clearing channel 0900 entered anchorage "Charlie" assigned operating area, Set course 180 speed standard 0905 Submerged 1053 Surfaced Set course 210 Speed one third 1115 Submerged 1200 Surfaced, Steering various courses and speeds to come along side YTB 548 1215 moored starboard side to YTB 548 1315 underway using various courses and speeds while enroute to diving area 1325 Submerged set course 220 Speed Standard 1500 Surfaced Commenced using various courses and speeds while returning to port 1615 Moored port side to float between piers 9 and 10 U.S. Naval Submarine Base New London Conn 1700 Commenced receiving all power from shore 1945 Commenced battery charge

Malone S Jones
ENC (SS) USN

127

APPROVED: Kevom Hanlon U. S. N. COMMANDING
LT

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

AT/~~PASSAGE FROM~~ (DELETE ONE) US NAVAL SUBMARINE BASE, NEW TO LONDON, CONN.

ZONE DESCRIPTION +5 Thursday (Day) 9 (Date) Feb (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12							SAME AS SOPA.														
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL (H_2O)	~~DIESEL FUEL~~ H_2O^2	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	9	69				
ON HAND	270	245				

MAGAZINE TEMPERATURES:

MAXIMUM

MINIMUM

0000 Moored port side to float between piers 9+10, US Naval Submarine Base, New London Conn. Recieving all power from shore. SOPA is Com. Sub Lant. 0500 Secured charging batteries. 0730 Mustered crew at quarters, no unauthorized absentees. 0735 Secured from recieving shore power. 0817 Underway in accordance with ComSubRefitTraGru New London operational schedule 6-56. Using various courses and speeds while clearing channel. 0915 Entered anchorage "Charlie" assigned operating area, set course 210°T speed two thirds. 0915 Submerged. 1129 Surfaced set course 206°T. 1132 Using various courses and speeds to come alongside YTB 548. 1135 Moored alongside starboard side of YTB 548. 1240 Underway using various courses and speeds enroute to diving ~~ar~~ area area. 1250 Submerged. 1305 Surfaced set course 205°T 1350 Submerged. 1435 Surfaced set course 352°T speed standard. 1445 Secured operations using various courses + speeds enroute to port. 1525 Moored port side to float between piers 9+10 at US Naval Submarine Base New London Conn. 1605 Recieving all power from shore. 1800 Commenced charging batteries.

Charles W. Annable
EN3(SS) USN

111

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Jones

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Friday (Day) 10 (Date) February (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same As SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	1				
ON HAND	245	269				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored alongside float between piers 9 and 10 Port side to at U.S. Naval Submarine Base New London Conn, Receiving all power from shore SOPA is Com Sub Lant 0400 Secured battery charge 0730 mustered Crew at quarters no unauthorized absentees. Secured shore power 0810 underway steering various course and speeds in the Thames river, Conducting main motor and Generator tests in accordance with Com Sub Flotira Gru New London of Sked 6-56 1210 moored Port side to float between piers 9 and 10 1300 underway 1310 Moored south side of pier 9 1315 lifted craft from water to cradle and made preparations for trucking craft to building 31 1420 Craft resting in cradle in building 31 1545 Commenced battery charge 1650 Secured battery charge. Receiving all power from shore

Malone S Jones
ENC(SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Tom

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SS X-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Saturday (Day) 11 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P.C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A.M. 4																					
8																					
12	Same as SOPA																				
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H_2O_2

GALLONS	HEAVY FUEL	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	245	269				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting on cradles inside of Building 31, U.S. Naval Submarine Base, New London Conn. Recieving all power from shore. SOPA is Comsublant. 0800 mustered crew, no unauthorized absentees. 1030 secured battery charge.

Phillips S Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon U.S.N. COMMANDING
LT

EXAMINED: ______ U.S.N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

R.D.B.

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U. S. Naval Submarine Base, ~~TO~~ New London, Conn.

ZONE DESCRIPTION +5 Sunday (Day) 12 (Date) FEB (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA.															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL GALLONS	H_2O_2 (~~HEAVY FUEL~~)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	245	269				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting on cradle inside building 31, U. S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com Sub Lant. 0800 Mustered crew at quarters. No unauthorized absentees.

Jack A. Robert
EM1 USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING
LT

EXAMINED: ____ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

check

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM US NAVAL SUBMARINE BASE NEW ~~TO~~ LONDON CONN.

ZONE DESCRIPTION +5 Monday (Day) 13 (Date) Feb (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA.															
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H2O

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	245	269				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradle inside Building 31, US Naval Submarine Base, New London, Conn. Recieving all power from shore. SOPA is ComSubLant. 0800 Mustered crew at quarters, no unauthorized absentees. 2230 Commenced charging batteries

Charles W. Annable
ENS(SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING
LT

EXAMINED: U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM US Naval Submarine Base New London Conn TO

ZONE DESCRIPTION +5 Tuesday (Day) 14 (Date) Feb (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO / MAG (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same As SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	1				
ON HAND	245	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradle in building 31, at U.S. Naval Submarine Base New London Conn. S.O.P.A. is Com Sub Lant. Receiving all power from shore. 0015 Secured Battery charge. 0745 Mustered crew at quarters, no unauthorized absentees. 1500 Trucked craft from building 31 to pier 9. 1530 Lifted craft from cradle to water. 1600 underway, steering various courses and speeds, while conducting trial runs in the Thames river. 1645 Moored Port side to float, between piers 9 and 10. 1650 Receiving all power from shore, 1830 Commenced battery charge. 2330 Secured charging batteries

Malone S Jones
ENC (SS) USN

APPROVED: Kevin Hunton LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S Naval Submaine Base TO New London Conn

ZONE DESCRIPTION +5 Wednesday (Day) 15 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12	Same as SOPA																				
16																					
.																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H2O

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	9				
ON HAND	245	259				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored portside to alongside float between piers 9 and ten, at U.S. Naval Submaine Base, New London Conn, SOPA is ComSubLant, Recieving all power from shore. 0730 underway in accordance with ComsubflotTwo OP-SKed 7-56 steering Vaions courses and speeds 0840 passed New London Ledge steering course 190°T speed standard 0841- changed course to 200°T. 0845 changed course to 210°T. 0855 changed course to 230°T. 0900 changed course to 250° 0930- Submerged on course 250°T, 1315, surfaced steering course 090°T speed full 1350- changed course to 074°T. 1415 changed course to 045°T 1510- changed course to 003°T. 1512 changed course to 350°T 1513 changed course to 000°T. 1515 changed course to 340°T 1517 changed course to 350°, 1520 changed course to 000°T, 1521 changed course to 340°T, 1530 Passed New London Ledge and commenced using various courses and speeds while entering port. 1650 Moored Portside to, alongside Float between piers 9 and 10 at U.S. Naval Submaine Base, New London Conn 1700 Commenced receiving shore power 1800 Commenced battery charge 2315 secured battery charge

P [illegible] S Thompson
EN1 (SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U S Naval Submarine Base TO New London, Conn

ZONE DESCRIPTION +5 THURSDAY (Day) 16 (Date) FEB (Month), 1956

HOUR	BY LOG: NAUTICAL MILES (1)	BY LOG: TENTHS (2)	COURSE (P. C.) GYRO — MAG — (Indicate which) (3)	WIND (TRUE): DIRECTION MOVING FROM (In degrees) (4)	WIND (TRUE): FORCE (Knots) (5)	BAROMETER (CORRECTED): HEIGHT IN INCHES (6)	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER (7)	AIR TEMPERATURE: DRY BULB (8)	AIR TEMPERATURE: WET BULB (9)	WEATHER BY SYMBOLS (10)	CLOUDS: FORM (By abbreviations) (11)	CLOUDS: CEILING (12)	CLOUDS: MOVING FROM (In degrees true) (13)	TOTAL AMOUNT OF SKY COVERED IN TENTHS (14)	VISIBILITY (15)	SEA TEMPERATURE: AT SURFACE (16)	SEA TEMPERATURE: MAIN INJECTION (17)	SEA FROM (In degrees) (18)	SEA AMOUNT 0-9 (19)	SWELL FROM (In degrees) (20)	SWELL AMOUNT 0-9 (21)
A. M. 4																					
8																					
12						SAME AS SOPA.															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H_2O	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	5				
ON HAND	245	254				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Moored port side to float between piers 9 & 10, U.S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com. Sub Lant. 0700 Mustered crew at quarters. No unauthorized absentees. 0715 Secured taking on shore power. 0730 Underway in accordance with Com Sub [illegible] New London Op Sked 7-56. Steering various courses and speeds while clearing channel. 0830 Set course 180°T speed standard. 0910 Changed course to 230°T. 0932 All stop. 0945 Submerged, course 150°T speed two thirds. 1415 Surfaced, course 140°T speed one third ahead. 1435 Set course 005°T speed standard ahead. 1436 Set course 050°T. 1532 Changed course 025°T. 1543 Changed course to 000°T. 1600 Commenced steering various courses and speeds in channel on returning to base. 1700 Moored port side to float between piers 9 and 10, U.S. Naval Submarine Base, New London, Conn. 1715 Commenced receiving power from shore. 1800 Commenced charging batteries.

J H Roberts
ENS USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING
LT

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ US NAVAL SUBMARINE BASE TO NEW LONDON CONN.

ZONE DESCRIPTION +5 Friday (Day) 17 (Date) FEB (Month), 1956

HOUR	BY LOG: NAUTICAL MILES (1)	BY LOG: TENTHS (2)	COURSE (P. C.) GYRO — MAG — (Indicate which) (3)	WIND (TRUE): DIRECTION MOVING FROM (In degrees) (4)	WIND: FORCE (Knots) (5)	BAROMETER (CORRECTED): HEIGHT IN INCHES (6)	BAROMETER: READING ATTACHED THERMOMETER (7)	AIR TEMPERATURE: DRY BULB (8)	AIR TEMPERATURE: WET BULB (9)	WEATHER BY SYMBOLS (10)	CLOUDS: FORM (By abbreviations) (11)	CLOUDS: CEILING (12)	CLOUDS: MOVING FROM (In degrees true) (13)	TOTAL AMOUNT OF SKY COVERED IN TENTHS (14)	VISIBILITY (15)	SEA TEMPERATURE: AT SURFACE (16)	SEA TEMPERATURE: MAIN INJECTION (17)	SEA FROM (In degrees) (18)	SEA AMOUNT 0-9 (19)	SWELL FROM (In degrees) (20)	SWELL AMOUNT 0-9 (21)
A. M. 4																					
8																					
12							SAME AS SOPA														
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL (H_2O_2)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	10				
ON HAND	245	244				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored starboard side of float between piers 9+10 at US Naval Submarine Base New London, Conn. Receiving all power from shore. SOPA is ComSubLant. 0800 Secured Battery charge. 0700 Mustered crew at quarters, no unauthorized absentees. 0720 Secured receiving shore power. 0730 Underway in accordance with Com Sub Refit Tra Grw. Op sked. 7-56 steering various courses and speeds while clearing channel. Set course 180°T speed standard. 0935 Changed course to 000°T 0946 Changed course to 130°T All stop. 1000 Submerged. 1003 Surfaced. 1029 Submerged, changed course to 090°T Speed one third 1036 Surfaced. 1045 Using various courses and speeds while coming along side Skylark ASR 20 1240 Underway from alongside USS Skylark ASR 20 using various speeds and courses enroute to diving area. 1242 Changed course to 050°T 1345 Changed course to 030°T 1410 Changed course to 010°T 1430 Changed course to 000°T 1437 Using various speeds & courses while enroute to port. 1620 Moored starboard side of float between piers 9+10 US Naval Submarine Base New London, Conn. 1630 Commenced recieving shore power 2000 Commenced Battery charge

11

Charles W. Annable
EN3(SS) USN.

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ____ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base ~~TO~~ New London Conn.

ZONE DESCRIPTION +5 Saturday (Day) 18 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12							Same As SOPA														
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	1				
ON HAND	245	243				

MAGAZINE TEMPERATURES:

MAXIMUM

MINIMUM

0000-2400 Moored port side to float, between piers 9 and 10 at U.S. Naval Submarine Base New London Conn. SOPA is Com Sub Lant. Receiving all power from shore. 0245 Secured battery charge. 0800 Mustered crew at quarters, no unauthorized absentees.

Malone S Jones
ENC (SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING
Lt

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SS X-1 (Identification number) Tom

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Sunday (Day) 19 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12			Same as			SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H_2O_2

GALLONS	HEAVY FUEL	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	245	243				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored portside to float, between piers 9 and 10 at U.S. Naval Submarine Base New London Conn. SOPA is Comsublant. Recieving all power from shore. 0800 mustered crew at quarters no unauthorized absentees

Phillip S Thompson
EN1(SS) USN

APPROVED: Vernon Hanson U. S. N. COMMANDING
LT

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U. S. Naval Submarine Base TO New London, Conn.

ZONE DESCRIPTION +5 MONDAY (Day) 20 (Date) FEB (Month), 19 56

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12					SAME				AS		SOPA.										
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O²	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	10				
ON HAND	245	233				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Moored port side to float between piers number 9 and 10, U. S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com Sub Lant. 0730 Mustered crew at quarters. No unauthorized absentees. 0815 Secured taking on shore power. 0820 Underway in accordance with accordance with Com Sub Flotilla Base. New London Op. Sked 8-56. Using various courses and speeds while clearing channel enroute to area "George" assigned operating area. 0920 Set course 230°T speed full. 1007 Changed course 270°T. 1016 changed speed to Standard. 1138 Submerged, course 285°T. 1325 Surfaced. 1351 Set course 090, speed full. 1414 Submerged 1540 Surfaced 1546 ~~Sf~~ JAK Set speed full. 1602 changed course to 050°T. 1650 changed ~~speed~~ JAK course 330°T. 1715 changed course 000°T. 1730 Commenced steering various courses and speeds in channel while enroute to port. 1835 Moored port side to float between piers 9 and 10, U S Naval Submarine Base, New London, Conn. 1840 Commenced receiving shore power. 1900 Commenced charging batteries.

J A Eckert
GM1, USN.

11

APPROVED: Kevin Hanson U. S. N. COMMANDING
LT

EXAMINED: U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP USS X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ US NAVAL SUBMARINE BASE NEW LONDON CONN. TO

ZONE DESCRIPTION +5 Tuesday (Day) 21 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12							SAME AS SOPA.														
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	175	76				
EXPENDED	6	2				
ON HAND	394	318				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored port side to float between piers 9+10 at US Naval Submarine Base New London, Conn. Recieving all power from shore. SOPA is COMSUBLANT. 0245 Secured battery charge. 0745 Mustered crew at quarters, no unauthorized absentees. 0830 Fueled ship, recieved 76 gals. 0920 Fueled Hydrogen Peroxide, recieved 175 gals. 1400 Underway in accordance with ComRefitTraGru New London, Conn. OP SKED 8-56 Steering various courses and speeds to clear port 1515 set course 215°T 1515 Submerged 1647 Surfaced steering various courses and speeds while enroute to port, 1800 Moored port side to float between piers 9+10. U/S Naval Submarine Base, New London, Conn. 1810 Commenced recieving shore power. 2230 Commenced charging batteries.

Charles W. Annable
EN3(SS) USN.

APPROVED: Kevin Hanlon U. S. N. COMMANDING
WT

EXAMINED: ________ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base New London Conn

ZONE DESCRIPTION +5 Wednesday (Day) 22 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same as SOPA.															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O2 ~~HEAVY~~ FUEL	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	394	318				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400. Moored port side to float between piers 9 and 10 at U.S. Naval Submarine Base New London Conn. S.O.P.A. is Com Sub Lant. Receiving all power from shore, 0300 Secured battery charge 0800 Mustered crew at quarters, no unauthorized absentees. 2000 Commenced Battery charge 2300 Secured Battery Charge

Malcom S Jones
ENC (SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ____ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SS X-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Thursday (Day) 23 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12																					
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	4				
ON HAND	394	314				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored portside to alongside float between piers 9 and 10, at U.S. Naval Submarine Base, New London Conn. Recieving all power from shore. SOPA is Comsublant. 0730 mustered crew at quarters, no unauthorized absentees. 1310 Underway in Thames River in accordance with Comsubflot Gen op sked 8-56 using various courses and speeds. 1430 moored portside to alongside float between piers 9 and ten at U.S. Naval Submarine Base, New London Conn. 1445 Commenced recieving all power from shore. 1700 commenced battery charge 2000 secured battery charge

Phillip S Thompson
EN1 (SS) USN

APPROVED: [signature] LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U.S. Naval Submarine Base TO, New London, Conn.

ZONE DESCRIPTION +5 FRIDAY (Day) 24 (Date) FEB (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12																					
16																					
24																					

SAME AS SOPA

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H_2O_2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	17	13				
ON HAND	377	308				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 ~~Rotary~~ [JAR] Moored alongside float port side to, between piers 9 and 10, ~~at~~ [JAR] U. S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com. Sub. Lant. 0800 Mustered crew at quarters. No unauthorized absentees. 0830 Underway in accordance with Com Sub Re Tel Tra Grou. New London Op Sked 8-56. Steering various courses and speeds in Thames River, assigned operating area to conduct builders trials. 1030 ~~Dive~~ [JAR] ~~1040 S~~ [JAR] Submerged. 1046 Surface. 1100 ~~S~~ [JAR] Submerged 1115 Surface. 1130 Submerged. 1140 Surface: 1145 Submerged. 1200 Surface. 1215 Submerged 1225 Surface 1235 Submerged 1240 Surface. 1310 Submerge. 1330 Surface. 1405 Moored port side to Sound craft. 1432 Underway from sound craft. 1440 Submerged. 1450 Surface. 1515 Submerged. 1530 Surface. ~~1 [illegible]~~ [JAR] 1714 Moored port side to float between piers 9 and 10 U.S. Naval Submarine Base, New London, Conn. 1720 Commenced receiving power from shore. 1730 Commenced charging batteries.

J. A. Roberts
EN1 USW

APPROVED: Kevin Hanlon U. S. N. COMMANDING
LT

EXAMINED: ________ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP USS X-1 (Name) (SSX-1) (Identification number)

AT/~~PASSAGE FROM~~ (DELETE ONE) US NAVAL SUBMARINE BASE NEW LONDON CONN. TO

Check

ZONE DESCRIPTION +5 Saturday (Day) 25 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES (1)	BY LOG: TENTHS (2)	COURSE (P. C.) GYRO ___ MAG ___ (Indicate which) (3)	WIND (TRUE): DIRECTION MOVING FROM (In degrees) (4)	WIND (TRUE): FORCE (Knots) (5)	BAROMETER (CORRECTED): HEIGHT IN INCHES (6)	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER (7)	AIR TEMPERATURE: DRY BULB (8)	AIR TEMPERATURE: WET BULB (9)	WEATHER BY SYMBOLS (10)	CLOUDS: FORM (By abbreviations) (11)	CLOUDS: CEILING (12)	CLOUDS: MOVING FROM (In degrees true) (13)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS (14)	VISIBILITY (15)	SEA TEMPERATURE: AT SURFACE (16)	SEA TEMPERATURE: MAIN INJECTION (17)	SEA FROM (In degrees) (18)	SEA AMOUNT 0-9 (19)	SWELL FROM (In degrees) (20)	SWELL AMOUNT 0-9 (21)
A. M. 4																					
8																					
12						SAME AS SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H_2O_2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	2	0				
ON HAND	306	377				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 - Moored alongside float port side to between piers 9 & 10, US Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is ComSubLant.
0800 Mustered crew at quarters, no unauthorized absentees.

Charles W. Arnold
EN3(SS) USN.

APPROVED: Kevin Hanson LT U. S. N. COMMANDING

EXAMINED: ____ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U S Naval Submarine Base New London Conn

ZONE DESCRIPTION +5 Sunday (Day) 26 (Date) February (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P.C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER: READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8						Same as SOPA															
12																					
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	306	377				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored port side to float between piers 9 and 10 at U S Naval Submarine Base New London Conn SOPA is Com Sub Lant. Receiving all power from shore. 0800 Mustered crew at quarters, no unauthorized absentees. 1715 Commenced battery charge. 1845 Secured Battery Charge

Malone S. Jones
ENC (SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

~~AT/PASSAGE~~ FROM US NAVAL SUBMARINE BASE, NEW LONDON CONN.

ZONE DESCRIPTION +5 Monday (Day) 27, (Date) February (Month) 1956

HOUR	BY LOG: NAUTICAL MILES (1)	TENTHS (2)	COURSE (P.C.) GYRO — MAG — (Indicate which) (3)	WIND (TRUE): DIRECTION MOVING FROM (In degrees) (4)	FORCE (Knots) (5)	BAROMETER (CORRECTED): HEIGHT IN INCHES (6)	READING ATTACHED THERMOMETER (7)	AIR TEMPERATURE: DRY BULB (8)	WET BULB (9)	WEATHER BY SYMBOLS (10)	CLOUDS: FORM (By abbreviations) (11)	CEILING (12)	MOVING FROM (In degrees true) (13)	TOTAL AMOUNT OF SKY COVERED IN TENTHS (14)	VISIBILITY (15)	SEA TEMPERATURE: AT SURFACE (16)	MAIN INJECTION (17)	SEA FROM (In degrees) (18)	SEA AMOUNT 0-9 (19)	SWELL FROM (In degrees) (20)	SWELL AMOUNT 0-9 (21)
A.M. 4																					
8																					
12							SAME AS SOPA														
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	~~DIESEL FUEL~~ H_2O_2	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	7	0				
ON HAND	299	377				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored port side to float at US Naval Submarine Base, New London Conn. Receiving all power from shore. SOPA is COMSUBLANT. 0745 Mustered crew at quarters, no unauthorized absentees. 0840 Underway in accordance with COMREFIT TRA GRU New London, Conn. OP SKED 9-56. Steering various courses and speeds while conducting builders trials in Thames River 1405 Moored starboard side to North side of Pier 9 at US Naval Submarine Base, New London, Conn. 1415 Lifted craft from ~~craft~~ (sic) water to cradles and began preparations of trucking to Building 31 1515 Unloaded hydrogen peroxide from ship, approx. 377 gallons unloaded. 1705 Ship resting on cradles in Building 31. 1830 ~~Ship resting on~~ Commenced recieving all power from shore.

Charles W. Annable
ENS(SS) USN

APPROVED: Kevin Hanlon U.S.N. COMMANDING
LT, USN

EXAMINED: ______ U.S.N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Rob

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM US Naval Submarine Base New London Conn

ZONE DESCRIPTION +5 Tuesday (Day) 28 (Date) February (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12							Same As SOPA														
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	377	0				
ON HAND	0	299				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradles inside building 31 at US Naval Submarine Base New London Conn SOPA is Com Sub Lant Receiving all power from shore, 0800 Mustered Crew at quarters, no unauthorized absentees

J.A. Robert
EM1 USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP U.S.S. X-1 (Name) SS X-1 (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U.S. Naval Submarine Base ~~TO~~ New London Conn

ZONE DESCRIPTION +5 Wednesday (Day) 29 (Date) Feb (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12			Same as			SOPA															
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	299				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 - Resting on cradles inside building 31, U.S. Naval Submarine Base, New London Conn. S.O.P.A. is Comsublant. Receiving all power from shore. 0800 Mustered crew, no unauthorized absentees.

Phillip S. Thompson
EN1 (SS) USN

APPROVED: Thomas Hanson, U. S. N. COMMANDING

EXAMINED: ________ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)